

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	JP "09192799"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:14
L2	2	JP "56047510"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:15
L3	2	JP "56005915"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:15
L4	6	L1 or I2 or I3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:15
L5	231	(Mizoguchi near2 Toshiaki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:40
L6	30	(Ueshima near2 Yoshiyuki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:40
L7	554	(Yamaguchi near2 Jun). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:40

L8	48	(Watanabe near2 yu). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:40
L9	13	(Mikasa near2 Akira).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:40
L10	4	(Yasui near2 Hirotsugu). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:40
L11	819	(L5 or L6 or L7 or L8 or L9 or L10)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:40
L12	23	(L5 or L6 or L7 or L8 or L9 or L10) and ("2009" or "2010").py.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:40
L13	114	(Nippon near5 Steel). as. and ("2009" or "2010").py.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:41
L14	1	L13 and (rare earth or REM) same (alumina or Al2O3 or "Al.sub.2O. sub.3")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:41
L15	3175	148/331,320-327.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:42
L16	1106	75/560,567,568.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:42
L17	146	(L15 or L16) and ("2009" or "2010").py.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:43
L19	29	L17 and (alumina or al2O3 or "Al.sub.2O. sub.3")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:43
L20	3761	("420".clas. or "428". clas.) and ("2009" or "2010").py. and (alumina or Al2O3 or "Al.sub.2O.sub.3")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:44

L21	440	("420".clas. or "428". clas.) and ("2009" or "2010").py. and (alumina or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2O.sub.3") and (REM or rare earth)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:45
L22	26	("420".clas. or "428". clas.) and ("2009" or "2010").py. and (alumina or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2O.sub.3") same (inclusion or cluster) and (REM or rare earth)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/04/08 14:45
L23	3813	B22D11/00 or B22D011/00 or B22D11/08 or B22D011/08	FPRS; EPO; JPO	ADJ	ON	2010/04/08 14:46
L24	4177	C21C7/00 or C21C007/00 or C21C7/04 or C21C007/04 or C21C7/06 or C21C007/06	FPRS; EPO; JPO	ADJ	ON	2010/04/08 14:46
L25	10037	C22C38/06 or C22C038/06 or C22C38/58 or C22C038/58	FPRS; EPO; JPO	ADJ	ON	2010/04/08 14:47
L26	2006	M24-C02\$2	DERWENT	ADJ	ON	2010/04/08 14:47
L30	17	(L23 or L24 or L25) and ("2009" or "2010").py. and (alumina or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2O.sub.3")	FPRS; EPO; JPO	ADJ	ON	2010/04/08 14:48
L31	21	M24-C02\$2 and ("2009" or "2010").py. and (alumina or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2O.sub.3")	DERWENT	ADJ	ON	2010/04/08 14:48
L32	92	L19 or L22 or L30 or L31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/08 14:50
S1	2	"20060260719"	US-PGPUB; USPAT; DERWENT	ADJ	ON	2007/10/29 09:16
S2	1	JP10183229	JPO; DERWENT	ADJ	ON	2007/11/15 07:42
S3	0	JP10-183229	JPO; DERWENT	ADJ	ON	2007/11/15 07:42

S4	0	10-183229	JPO, DERWENT	ADJ	ON	2007/11/15 07:42
S5	2	"10183229"	JPO, DERWENT	ADJ	ON	2007/11/15 07:42
S6	4439	(Mizoguchi.in. or ueshima.in. or yamaguchi.in. or watanabe.in. or miksa in. or "hirotsugu in") and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:31
S7	4498	(Mizoguchi.in. or ueshima.in. or yamaguchi.in. or watanabe.in. or miksa in. or hirotsugu.in.) and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:31
S8	4494	(Mizoguchi.in. or ueshima.in. or yamaguchi.in. or watanabe.in. or mikasa. in. or hirotsugu.in.) and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:31
S9	206	(Mizoguchi.in. or ueshima.in. or yamaguchi.in. or watanabe.in. or mikasa. in. or hirotsugu.in.) and alumina and (REM or rare earth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:32
S10	15	(Mizoguchi.in. or ueshima.in. or yamaguchi.in. or watanabe.in. or mikasa. in. or hirotsugu.in.) and alumina near10 (cluster or inclusion) and (REM or rare earth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:33
S11	27	Nippon steel.as. and alumina near10 (cluster or inclusion) and (REM or rare earth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 08:35
S12	64	148/331.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 08:47
S13	2715	"148" clas and alumina	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:08
S14	757	"148" clas and alumina and (Ce or La or Pr or Nd)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:08
S15	216	"148" clas and alumina and (Ce or La or Pr of Nd) and (rare earth or REM)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:09

S16	38	"148".clas. and (aluminum or aluminium or al) near20 (deoxidiz\$5 or kill\$4) and alumina and (Ce or La or Pr of Nd)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:10
S17	2594	Nippon steel.as. and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:15
S18	280	Nippon steel.as. and alumina and (cluster or inclusion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:15
S19	35	Nippon steel.as. and alumina and (cluster or inclusion) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:15
S20	12	Nippon steel.as. and alumina near5 (reduc\$5 or minimiz\$5 or prevent \$4) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:27
S21	23529	"428".clas. and alumina	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:28
S22	2143	"428".clas. and alumina and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:28
S23	877	"428".clas. and steel and alumina and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:28
S24	24	"428".clas. and steel and alumina near20 (cluster or inclusion or defect) and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:29
S25	24	"428".clas. and steel and alumina near30 (cluster or inclusion or defect) and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:29
S26	2673	"420".clas. and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:31
S27	2516	"420".clas. and (rare earth or REM or misch metal) and (aluminum or aluminium or al)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:31

S28	3	"420".clas. and (rare earth or REM or misch metal) and (aluminum or aluminium or al) and alumna	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:31
S29	345	"420".clas. and (rare earth or REM or misch metal) and (aluminum or aluminium or al) and alumina	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:31
S30	39	"420".clas. and (rare earth or REM or misch metal) and (aluminum or aluminium or al) and alumina near30 (cluster or inclusion or defect)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:32
S31	44	"420".clas. and (rare earth or REM or misch metal) near5 ppm	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:33
S32	11	"420".clas. and alumina and (rare earth or REM or misch metal) near5 ppm	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:33
S33	19	("420".clas. or "148". clas. or "75".clas. or "428.clas") and alumina and (rare earth or REM or misch metal) near5 ppm	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:34
S34	40	(killed or deoxygen\$8) near5 (aluminum or aluminium or al) and alumina and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 09:39
S35	1341	(B22D011/00.ipc. or B22D011/108.ipc. or C21C007/00.ipc. or C21C007/04.ipc. or C21C007/06.ipc. or C22C038/00.ipc. or C22C038/06.ipc. or C22C038/58.ipc.) and alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:59

S36	112	(B22D011/00 ipc. or B22D011/108 ipc. or C21C007/00 ipc. or C21C007/04 ipc. or C21C007/06 ipc. or C22C038/00 ipc. or C22C038/06 ipc. or C22C038/58 ipc.) and alumina and (rare earth or rare earth or mish metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 09:59
S37	210	alumina near4 (cluster or inclusion or defect) and (rare earth or REM or mish metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:19
S38	158	alumina near2 (cluster or inclusion or defect) and (rare earth or REM or mish metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:19
S39	11	alumina near2 (cluster or inclusion or defect) and (rare earth or REM or mish metal) near5 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:19
S40	12	alumina near5 (cluster or inclusion or defect) and (rare earth or REM or mish metal) near5 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:20
S41	12	alumina near10 (cluster or inclusion or defect) and (rare earth or REM or mish metal) near5 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:20
S42	14	alumina near10 (cluster or inclusion or defect) and (rare earth or REM or mish metal) near10 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2007/11/15 10:20
S43	1668	m24-c02	DERWENT	ADJ	ON	2007/11/15 10:20
S45	12	m24-c02 and alumina and (rare earth or REM or mish metal)	DERWENT	ADJ	ON	2007/11/15 10:21
S46	8	(US-20060157162-\$). did. or (US-4042381-\$ or US-4440568-\$ or US-4880480-\$ or US-6120578-\$ or US-6344093-\$). did. or (US-2980529-\$ or US-3623862-\$). did.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/11/15 10:22

S47	229	(Toshiaki near2 Mizoguchi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:02
S48	30	(Yoshiyuki near2 Ueshima).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:02
S49	500	(Jun near2 Yamaguchi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:03
S50	48	(Yu near2 Watanabe).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:03
S51	12	(Akira near2 Mikasa).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:03
S52	4	(Hirosugu near2 Yasui).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:04
S53	764	S47 or S48 or S49 or S50 or S51 or S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:04
S54	234	S53 and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:04



S55	55	S53 and (alumina or (aluminum or aluminium) adj2 oxide or inclusion or de\$oxidi \$5 or rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:10
S56	30	(US-20060157162-\$). did. or (US-4880480-\$ or US-6344093-\$ or US- 4042381-\$ or US- 6120578-\$ or US- 4440568-\$ or US- 4738301-\$ or US- 4809765-\$ or US- 6368380-\$).did. or (US- 2980529-\$ or US- 3623862-\$).did. or (EP- 337114-\$ or EP- 1029938-\$ or WO- 2004009854-\$ or WO- 2004111277-\$).did. or (JP-2001026812-\$ or JP- 2000239785-\$ or JP- 2000303146-\$ or JP- 11279692-\$ or JP- 11279721-\$ or JP- 11264052-\$ or JP- 2003119546-\$ or JP- 2004052077-\$ or JP- 2004052076-\$ or JP- 2005002425-\$ or JP- 2005002422-\$ or JP- 2005002421-\$ or JP- 2005002420-\$ or JP- 2005002419-\$ or JP- 2005089775-\$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/09 23:11
S57	36	S55 not S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:11
S58	511	(Nippon adj2 Steel).as. and (reduc\$4 or minimi \$5 or elimin\$6 or mitigat \$6) same (alumina or (aluminum or aluminium) adj2 oxide or Al2O3 or ""Al.sub.2O. sub.3"" not (S55 or S56 or S57)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:14

S59	232	(Nippon adj2 Steel).as. and steel same (reduc\$4 or minimi\$5 or elimin\$6 or mitigat\$6) same (alumina or (aluminum or aluminium) adj2 oxide or Al2O3 or ""Al.sub.2O.sub.3"" not (S55 or S56 or S57 or S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:15
S60	8	(Nippon adj2 Steel).as. and (reduc\$4 or minimi\$5 or elimin\$6 or mitigat\$6) same (alumina or (aluminum or aluminium) adj2 oxide or Al2O3 or ""Al.sub.2O.sub.3"" same (rare adj2 earth or REM or cerium or Ce or lanthanum or La or neodymium or Nd) not (S55 or S56 or S57 or S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:16
S61	111	(Nippon adj2 Steel).as. and (alumina or (aluminum or aluminium) adj2 oxide or Al2O3 or ""Al.sub.2O.sub.3"" same (rare adj2 earth or REM or cerium or Ce or lanthanum or La or neodymium or Nd) not (S55 or S56 or S57 or S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:17
S62	29	Nippon steel.as. and alumina near10 (cluster or inclusion) and (REM or rare earth)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/09 23:19
S63	39	"148".clas. and (aluminum or aluminium or al) near20 (deoxidiz\$5 or kill\$4) and alumina and (Ce or La or Pr or Nd)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/09 23:20
S64	67	148/331.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/09 23:20
S65	16	alumina near10 (cluster or inclusion or defect) and (rare earth or REM or misc metal) near10 ppm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/09 23:20

S66	108	m24-c02 and alumina	DERWENT	ADJ	ON	2008/08/09 23:20
S67	12	m24-c02 and alumina and (rare earth or REM or misch metal)	DERWENT	ADJ	ON	2008/08/09 23:21
S68	80	(B22D011/00.ipc. or B22D011/108.ipc. or C21C007/00.ipc. or C21C007/04.ipc. or C21C007/06.ipc. or C22C038/00.ipc. or C22C038/06.ipc. or C22C038/58.ipc.) and alumina and (rare earth or rare earth or mish metal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/09 23:21
S69	51	(killed or deoxygen\$8) near5 (aluminum or aluminium or al) and alumina and (rare earth or REM or misch metal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:22
S70	336	S62 or S63 or S64 or S65 or S66 or S67 or S68 or S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:22
S71	252	S54 or S55 or S56 or S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:23
S72	318	S70 not S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/09 23:23
S73	436	(FUCHIGAMI near2 KATSUHIRO).in. or (MOROHOSHI near2 TAKASHI).in. or (WAKAO near2 MASAMITSU).in. or (NAKANISHI near2 TAKEO).in. or (ADACHI near2 MASAHIKO).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/10 13:55

S74	26	S73 and (cerium or ce or lanthanum or la or neodymium or nd or rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/10 13:57
S75	84	(Moriyuki near2 shiguro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/10 14:01
S76	2	JP "52070918"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S77	2	JP "2001026842"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S78	2	JP "11323426"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S79	2	EP "906960"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S80	8	S76 or S77 or S78 or S79	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:20
S81	2	"20060260719"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:22

S82	122	steel same alumina near3 cluster	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:29
S83	2	JP "07070638"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:46
S84	229	(Mizoguchi near2 Toshiaki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S85	30	(Ueshima near2 Yoshiyuki).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S86	534	(Yamaguchi near2 Jun). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S87	48	(Watanabe near2 yu). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S88	12	(Mikasa near2 Akira).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59
S89	4	(Yasui near2 Hirotsugu). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 16:59

S90	798	(S84 or S85 or S86 or S87 or S88 or S89)	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:00
S91	44	S90 and (al2O3 or "al. sub.20.sub.3" or alumina or aluminum near2 oxide)	US-PGPUB; USPAT; USOCR; FPFS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:01
S92	59	(US-20060260719-\$). did. or (US-6344093-\$ or US-4042381-\$ or US-4738301-\$ or US-4809765-\$ or US-6368380-\$ or US-6511553-\$ or US-6120578-\$).did. or (US-2980529-\$ or US-3623862-\$).did. or (WO-2004009854-\$ or WO-2004111277-\$ or EP-829546-\$ or EP-906960-\$ or EP-1538224-\$ or WO-9736010-\$).did. or (JP-2000239785-\$ or JP-2000303146-\$ or JP-2004052077-\$ or JP-2004052076-\$ or JP-2005002425-\$ or JP-2005002422-\$ or JP-2005002421-\$ or JP-2005002420-\$ or JP-2005089775-\$ or JP-2001303183-\$ or JP-2001303182-\$ or JP-2001303177-\$ or JP-2005089774-\$ or JP-05277679-\$ or JP-2004277777-\$ or JP-2003013132-\$ or JP-2003001484-\$ or JP-2007254819-\$ or JP-52070918-\$ or JP-11323426-\$ or JP-2001026842-\$ or JP-07070638-\$ or JP-2002105527-\$).did. or (JP-51071225-\$ or JP-2002327239-\$ or WO-2004009854-\$ or JP-2005256115-\$ or JP-2007254819-\$ or WO-2004111277-\$ or RU-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/08/10 17:01

		2241059-\$ or JP-2003268435-\$ or JP-2002266018-\$ or US-6350295-\$ or JP-05271744-\$ or JP-52070918-\$ or GB-1472537-\$ or JP-52027009-\$ or EP-906960-\$ or JP-11323426-\$ or JP-2001026842-\$ or JP-2003013132-\$ or WO-9736010-\$).did.				
S93	29	S91 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:01
S94	139102	(Nippon and Steel).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:02
S95	148	S94 and (al <sub>2</sub> O <sub>3</sub> or "al.sub.2o.sub.3" or alumina or aluminum near2 oxide) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:02
S96	134	S95 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:02
S97	162	S93 or S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 17:03
S98	112361	(Kawasaki).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 18:27

S99	74	S98 and (al2O3 or "al.sub.2o.sub.3" or alumina or aluminum near2 oxide) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 18:27
S100	59	S99 not (S97 or S92)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/10 18:27
S101	130	148/331.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:13
S102	5485	148/320-337.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:14
S103	1341	75/560,567,568.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:14
S104	12	148/331.ccls. and (al2O3 or "al.sub.2o.sub.3" or alumina or aluminum near2 oxide) and (rare earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:15
S105	9	148/331.ccls. and (al2O3 or "al.sub.2o.sub.3" or alumina or aluminum near2 oxide) near5 (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:21
S106	2	S105 not S104	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:21



S107	219	(S102 or S103) and (al2O3 or "al.sub.2o. sub.3" or alumina or aluminum near2 oxide) near5 (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:22
S108	33	S107 and (rare adj2 earth or REM) and (oxygen or O or O2 or "O.sub.2") near5 (content or weight or wt % or wtppm or ppm or part per million or percent or ".percent.")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:23
S109	75	(US-20060260719-\$ or US-20060157162-\$). did. or (US-6344093-\$ or US-4042381-\$ or US-4738301-\$ or US-4809765-\$ or US-6368380-\$ or US-6511553-\$ or US-6120578-\$ or US-6221180-\$).did. or (US-2980529-\$ or US-3623862-\$).did. or (WO-2004009854-\$ or WO-2004111277-\$ or EP-829546-\$ or EP-906960-\$ or EP-1538224-\$ or WO-9736010-\$).did. or (JP-2000239785-\$ or JP-2000303146-\$ or JP-2004052077-\$ or JP-2004052076-\$ or JP-2005002425-\$ or JP-2005002422-\$ or JP-2005002421-\$ or JP-2005002420-\$ or JP-2005089775-\$ or JP-2001303183-\$ or JP-2001303182-\$ or JP-2001303177-\$ or JP-2005089774-\$ or JP-05277679-\$ or JP-2004277777-\$ or JP-2003013132-\$ or JP-2003001484-\$ or JP-2007254819-\$ or JP-52070918-\$ or JP-11323426-\$ or JP-2001026842-\$ or JP-07070638-\$ or JP-2002105527-\$ or JP-2007254818-\$ or JP-2005002419-\$ or JP-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/08/11 17:23

		2000355730-\$).did. or (JP-2000319750-\$ or JP-2000008138-\$).did. or (JP-51071225-\$ or JP-2002327239-\$ or WO-2004009854-\$ or JP-2005256115-\$ or JP-2007254819-\$ or WO-2004111277-\$ or RU-2241059-\$ or JP-2003268435-\$ or JP-2002266018-\$ or US-6350295-\$ or JP-05271744-\$ or JP-52070918-\$ or GB-1472537-\$ or JP-52027009-\$ or EP-906960-\$ or JP-11323426-\$ or JP-2001026842-\$ or JP-2003013132-\$ or WO-9736010-\$ or JP-2005002422-\$ or JP-2005002421-\$ or JP-2005002420-\$ or JP-2001279388-\$ or JP-2001020031-\$ or JP-2000355730-\$ or JP-2000345239-\$).did. or (EP-1052303-\$ or JP-61276757-\$).did.				
S110	34	S107 and (rare adj2 earth or REM) and (oxygen or O or O2 or "O.sub.2") near10 (content or weight or wt % or wtpm or ppm or part per million or percent or ".percent."")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:24
S111	35	S107 and (rare adj2 earth or REM) and (oxygen or O or O2 or "O.sub.2") near10 (content or weight or wt % or '%' or wtpm or ppm or part per million or percent or ".percent."")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:26

S112	31	(S102 or S103) and (al2O3 or "al.sub.2o.sub.3" or alumina or aluminum near2 oxide) near5 (inclusion or cluster or precipitat\$4) same (micron or micrometer or um or ".mu.'m" or ".mu." adj2 m)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:32
S113	157	((Hakaru near2 Nakato).in. or (Seiji near2 Nabeshima).in. or (Kenichi near2 Sorimachi)".in")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:34
S114	8	S113 and (al2O3 or "al.sub.2o.sub.3" or alumina or aluminum near2 oxide) near5 (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:34
S115	26	S112 not S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:42
S116	0	S115 and (rare earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
S117	1245	C21C007/04	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
S118	773	C21C007/06	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
S119	1889	M24-C02\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47

S120	3580	S117 or S118 or S119	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
S121	3540	S120 not S109	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:47
S122	120	S121 and (al2O3 or "al. sub.2o.sub.3"" or alumina or aluminum near2 oxide) near10 (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:48
S123	8	S122 and (rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:48
S124	24	S121 and (al2O3 or "al. sub.2o.sub.3"" or alumina or aluminum near2 oxide) and (rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:50
S125	16	S124 not S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:50
S126	10	(JFE and Steel).as. and (al2O3 or "al.sub.2o. sub.3"" or alumina or aluminum near2 oxide) and (rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 17:57
S127	159	S121 and (al2O3 or "al. sub.2o.sub.3"" or alumina or aluminum near2 oxide) same (inclusion or cluster or precipitat\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 19:01

S128	15	S127 and (rare adj2 earth or REM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/11 19:02
S129	7	JP "2000129332" or JP2000129333 or JP "2000144230" or JP2000144330	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:03
S130	154	(Wakao near2 Masamitsu).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:05
S131	43	(Fuchigami near2 katsuhiro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:05
S132	46	(S130 or S131) not S129 and (inclusion or cluster or alumina or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2O.sub.3" or aluminum oxide)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:06
S133	1355	(inclusion or cluser or precipitate) near10 (alumina or aluminum oxide or aluminium oxide or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2O.sub.3") and (REM or rare earth or lanthanum or la! or cerium or ce! or praesodymium or pr! or neodymium or nd! or samarium or sm! or samarium or sm! or misch metal or MM! or gadolinium or gd!) and steel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:12

S134	470	(inclusion or cluser or precipitate) near10 (alumina or aluminum oxide or aluminium oxide or Al2O3 or "Al.sub.2O.sub.3") and (REM or rare earth or lanthanum or la! or cerium or ce! or praesodymium or pr! or neodymium or nd! or samarium or sm! or samarium or sm! or misch metal or MM! or gadolinium or gd!) and steel and (oxygen or ol) near5 (content or ppm or wtppm or wt ppm or wt% or '%' or percent or "'.percent.'" or part per million)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:13
S135	266	(inclusion or cluser) near10 (alumina or aluminum oxide or aluminium oxide or Al2O3 or "Al.sub.2O.sub.3") and (REM or rare earth or lanthanum or la! or cerium or ce! or praesodymium or pr! or neodymium or nd! or samarium or sm! or samarium or sm! or misch metal or MM! or gadolinium or gd!) and steel and (oxygen or ol) near5 (content or ppm or wtppm or wt ppm or wt% or '%' or percent or "'.percent.'" or part per million)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:13
S136	298	(inclusion or cluster) near10 (alumina or aluminum oxide or aluminium oxide or Al2O3 or "Al.sub.2O.sub.3") and (REM or rare earth or lanthanum or la! or cerium or ce! or praesodymium or pr! or neodymium or nd! or samarium or sm! or samarium or sm! or misch metal or MM! or gadolinium or gd!) and steel and (oxygen or ol)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:13

		near5 (content or ppm or wtppm or wt ppm or wt% or '%' or percent or "'.percent.'" or part per million)				
S137	44	(inclusion or cluster) near10 (alumina or aluminum oxide or aluminium oxide or Al2O3 or "Al.sub.2O.sub.3") same (REM or rare earth or lanthanum or la! or cerium or ce! or praesodymium or pr! or neodymium or nd! or samarium or sm! or samarium or sm! or misch metal or MM! or gadolinium or gd!) and steel and (oxygen or ol) near5 (content or ppm or wtppm or wt ppm or wt% or '%' or percent or "'.percent.'" or part per million)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:14
S138	102	(inclusion or cluster) same (alumina or aluminum oxide or aluminium oxide or Al2O3 or "Al.sub.2O.sub.3") same (REM or rare earth or lanthanum or la! or cerium or ce! or praesodymium or pr! or neodymium or nd! or samarium or sm! or samarium or sm! or misch metal or MM! or gadolinium or gd!) and steel and (oxygen or ol) near5 (content or ppm or wtppm or wt ppm or wt% or '%' or percent or "'.percent.'" or part per million)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:14

S139	66	(US-20060260719-\$ or US-20060157162-\$). did. or (US-6344093-\$ or US-4042381-\$ or US-4738301-\$ or US-4809765-\$ or US-6368380-\$ or US-6120578-\$ or US-6221180-\$ or US-5616188-\$).did. or (US-2980529-\$ or US-3623862-\$).did. or (EP-829546-\$ or EP-1538224-\$).did. or (JP-2000239785-\$ or JP-2000303146-\$ or JP-2004052077-\$ or JP-2004052076-\$ or JP-2005002425-\$ or JP-2005089775-\$ or JP-2001303183-\$ or JP-2001303182-\$ or JP-2001303177-\$ or JP-2005089774-\$ or JP-05277679-\$ or JP-2004277777-\$ or JP-52070918-\$ or JP-07070638-\$ or JP-2002105527-\$ or JP-2007254818-\$ or JP-2005002419-\$ or JP-2000319750-\$ or JP-2000008138-\$ or JP-11343516-\$ or JP-11100611-\$ or JP-2000144230-\$ or JP-2000129332-\$ or JP-2000144330-\$ or JP-2000129333-\$).did. or (JP-51071225-\$ or JP-2002327239-\$ or WO-2004009854-\$ or JP-2005256115-\$ or JP-2007254819-\$ or WO-2004111277-\$ or JP-2002266018-\$ or US-6350295-\$ or JP-05271744-\$ or JP-52070918-\$ or GB-1472537-\$ or JP-52027009-\$ or EP-906960-\$ or JP-11323426-\$ or JP-2001026842-\$ or WO-9736010-\$ or JP-2005002422-\$ or JP-	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/08/12 14:14
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		2005002421-\$ or JP- 2005002420-\$ or JP- 2001279388-\$ or JP- 2001020031-\$ or JP- 2000355730-\$ or JP- 2000345239-\$ or EP- 1052303-\$ or JP- 61276757-\$ or JP- 10176213-\$).did.				
S140	95	S138 not S139	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:15
S141	46	S140 and (de\$2oxidi\$8 or kill or killed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:15
S142	183	(inclusion or cluster) same (size or diameter or micron or um or "" mu."" adj2 m) same (all or aluminium or aluminum or alumina or aluminum oxide or aluminium oxide or Al2O3 or ""Al.sub.2O. sub.3"" ) same (REM or rare earth or lanthanum or la! or cerium or ce! or praesodymium or pr! or neodymium or nd! or samarium or sm! or samarium or sm! or misch metal or MM! or gadolinium or gd!) and steel and (oxygen or ol) near5 (content or ppm or wtppm or wt ppm or wt% or '% ' or percent or ""percent."" or part per million)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:17

S143	220	(inclusion or cluster) same (size or diameter or micron or um or "" . mu."" adj2 m) and (alumina or aluminum oxide or aluminum oxide or Al2O3 or ""Al. sub.2O.sub.3"" ) same (REM or rare earth or lanthanum or la! or cerium or ce! or praesodymium or pr! or neodymium or nd! or samarium or sm! or samarium or sm! or misch metal or MM! or gadolinium or gd!) and steel and (oxygen or o!) near5 (content or ppm or wtppm or wt ppm or wt% or '% ' or percent or "" .percent."" or part per million)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:17
S144	69	S143 and (de\$2oxidi\$8 or kill or killed)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:17
S145	2	EP "589424"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:49
S146	2	JP "04279248"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:49
S147	2	JP "02125812"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:49
S148	2	JP "04083821"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:49

S149	197	(Akio near2 Ohmori).in. or (Fumimaru near2 Kawabata).in. or (Keniti near2 Amano).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:53
S150	19	S149 and (inclusion or cluster) AND (REM or rare earth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/12 14:53
S151	10	steel and inclusion same slime adj2 extract \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/21 16:43
S152	23	steel and slime adj2 extract\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/21 16:47
S153	2	EP "1029938"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/21 16:49
S154	25	steel and inclusion and pieces adj2 kg	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/08/21 16:49

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L33	2499	148/331,320-327.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/04/08 15:18
L34	670	75/560,567,568.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/04/08 15:18
L35	3761	("420".clas. or "428".clas.) and ("2009" or "2010").py. and (alumina or Al2O3 or "Al.sub.2O.sub.3")	US-PGPUB; USPAT	ADJ	ON	2010/04/08 15:18

L36	119	("420".clas. or "428".clas.) and ("2009" or "2010").py. and (alumina or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2O.sub.3") same (rare earth or REM)	US-PGPUB; USPAT	ADJ	ON	2010/04/08 15:18
L37	29	(L33 or L34) and ("2009" or "2010").py. and (alumina or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2O.sub.3")	US-PGPUB; USPAT	ADJ	ON	2010/04/08 15:20
L38	148	L36 or L37	US-PGPUB; USPAT	ADJ	ON	2010/04/08 15:20
L39	62	steel and (alumina or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2O.sub.3") and (rare-earth or rare earth or REM)	UPAD	ADJ	ON	2010/04/08 15:20

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